

IN THE CLAIMS

Claims 1-6 (cancelled)

Claim 7. (currently amended): A [[high-strength]] part,
comprising:

a [[part]] component made from a photo-curable polymer, said
[[part]] component having opposing ~~interior~~ surfaces
bordering an interior of said part; and

a ~~strength~~ cured material ~~interposed~~ filled between and
bonded to said opposing ~~interior~~ surfaces, said cured
material adding a strengthening property to said part.

Claim 8. (currently amended): A [[high-strength]] part as in
claim 7 further comprising a plurality of spaced apart internal
supports made from said photo-curable polymer, said plurality of
spaced apart internal supports ~~further being integral with~~
extending between said opposing ~~interior~~ surfaces ~~to create a~~
~~gap therebetween~~ and separate from said cured material.

Claim 9. (currently amended): A [[high-strength]] part as in
claim 7 wherein said ~~strength~~ cured material comprises a mixture
of an epichlorohydrin resin, a catalyst and filler particles.

Claim 10. (currently amended): A [[high-strength]] part as in claim 9 wherein said catalyst is selected from the group consisting of methylenedimethylene, hexahydrophthalic anhydride, dodecenylsuccinic anhydride, and polyamide.

Claim 11. (currently amended): A [[high-strength]] part as in claim 9 wherein said catalyst is methylenedimethylene mixed with said epichlorohydrin resin in a proportion of 80-90 weight percent of said epichlorohydrin resin.

Claim 12. (currently amended): A [[high-strength]] part as in claim 11 wherein said filler particles are glass fibers in the range of 1/32 to 1/64 of an inch in length.

Claim 13. (currently amended): A [[high-strength]] part as in claim 12 wherein said glass fibers are 50-60 weight percent of said epichlorohydrin resin.

Claim 14. (currently amended): A [[high-strength]] part as in claim 9, said mixture further comprising aluminum powder in a proportion up to 10 weight percent of said epichlorohydrin resin.

Claim 15. (currently amended): A [[high-strength]] part as in claim 7 wherein said ~~strength~~ cured material comprises a mesh wetted with a catalyzed epichlorohydrin resin.

Claim 16. (currently amended): A [[high-strength]] part as in claim 15 wherein said catalyzed epichlorohydrin resin uses a catalyst selected from the group consisting of methylenedimethylene, hexahydrophthalic anhydride, dodecenylsuccinic anhydride, and polyamide.

Claim 17. (currently amended): A [[high-strength]] part as in claim 16 wherein said catalyst is methylenedimethylene mixed with an epichlorohydrin resin in a proportion of 80-90 weight percent of said epichlorohydrin resin.